



# YANTAI WONRAY RUBBER TYRE CO., LTD.

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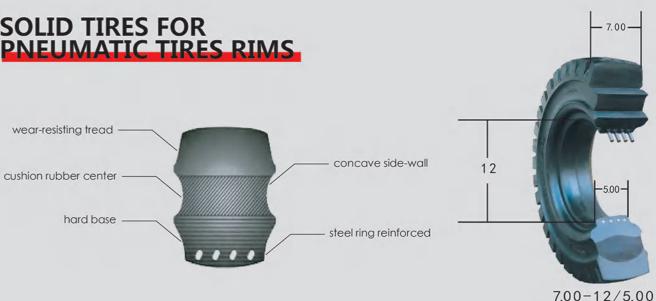
# **COMPANY PROFILE**

- Yantai WonRay Rubber Tire Co., Ltd. is a comprehensive enterprise that manufactures and sells solid tires, as well as conducts research and development of the latest technology of solid tires.
- Relying on most up to date international technology advance, our company is equipped with the best testing instruments. To ensure that our products have the leading advantages, we implement the most rigorous quality control systems, and enforce full monitoring in our manufacturing process.
- Our company products conform to standards such as Chinese GB, US TRA, European ETRTO, and Japanese JATMA and have passed \_ the ISO9001:2015 quality certification.
- Our company has independently developed and registered two product brands: WRST and WonRay.
- Based on the rich experience of technology research and development, our technical team has demonstrated their capability of delivering the best tire solution and products to clients with different working environments, ranging from sea ports, supply chain centers, mines, aviation grounds, high temperature operations, refuse disposal centers, railway constructions, tunnel constructions, and heavy goods transportations to factories that require a super clean working condition.
- \_ Currently our company has an annual sales of 300,000PCS tires, among which, 60% of them are being exported to North America, Europe, Northeast Asia, Oceania, and Africa. In the domestic market, we provide direct ancillary services to major forklift manufacture companies, metallurgical enterprises, airports and seaports. Our company also matching products to many prominent enterprises, such as Sany Heavy Industry, ZOOMLION, MCC Baosteel, SUNWARD, Liugong Machinery, XCMG and Haipeng Industrial etc.
- Our sales network is widespread all over the world. We provide customers excellent after-sales care and support.
- Thank you for choosing our products.





# SOLID TIRES FOR PNELIMATIC TIRES RIMS



# WRST/SERIES

This series is developed as our featured product which can be used on different kinds of poor working environment.

Extremely deep tread pattern and unique tread design are two factors which provide WRST series higher wear resistance than other similar brands.

Big tread pattern design increase tire contact, reduce ground pressure, lower rolling resistance, and strengthen wear resistance.

# WonRay/SERIES

WonRay series chooses new tread pattern, strictly control production cost and truly achieve low price with high quality. three compound construction, a new design popular in Europe and America Wear resistant tread compound resilient center compound super base compound Steel ring reinforced

# **NON-MARKING TIRE**

High Performance Non-marking tires with light color or other colorful rubber compound are designed to operate where clean floors are a priority.

No mark is left on the ground when it is running or braking, especially suitable for the application of enterprises where contamination is strictly prohibited, such as pharmacy, catering trade, textile, electron, aviation, etc. Any sizes of black resilient and press-on tires can be made into Non-marking tire.

### SOLID TIRE





### YANTAI WONRAY RUBBER TYRE CO., LTD.



## SOLID TIRES FOR PNEUMATIC TIRES RIMS SOLID TIRES FOR FORKLIFT

AND SMALL FIELD RUNNING VEHICLES

R705



R706



R701(with hole)

R701

### SOLID TIRES FOR PNEUMATIC TIRES RIMS



No.	Size of Tire	Rim Size	Pattern No.	Outside Diameter	Section Width	Net Weight (Kg)			Max Loa ter Balan	d (Kg) ce Lift Tru	icks		Other Industria Vehicles
						4 50(1	10km/h		16km/h		25km/h		- 25km/h
				±5mm	±5mm	± 1.5%kg	Driving	Steering	Driving	Steering	Driving	Steering	23811/11
1	8. 25-20	6.50T/7.00	R701	976	217	123	5335	4445	4870	4060	4525	3770	3770
2	9.00-16	6.00/6.50/7.00	R701	880	212	109	5290	4070	4830	3715	4485	3450	3450
3	9.00-20	7.00/7.50	R701/R700	1005	236	148	6365	5305	5815	4845	5400	4500	4500
4	10.00-20	6.00/7.00/7.50/8.00	R701	1041	248	170	7075	5895	6460	5385	6000	5000	5000
5	10.00-20	7.50/8.00	R700	1041	248	176	7075	5895	6460	5385	6000	5000	5000
6	11.00-20	7.50/8.00	R701	1058	270	193	7715	6430	7045	5870	6540	5450	5450
7	12.00-20	8.00/8.50	R701/R700	1112	285	230	8920	7435	8140	6785	7560	6300	6300
8	12.00-24	8.50/10.00	R701	1218	300	280	9125	7605	8335	6945	7740	6450	6450
9	12.00-24	10.00	R706	1250	316	312	9445	7870	8630	7190	8010	6675	6675
10	13.00-24	8.50/10.00	R708	1240	318	310	10835	9025	9890	8240	9185	7655	7655
11	14.00-20	10.00	R706	1250	316	340	10800	8640	10430	7840	9730	7315	7315
12	14.00-24	10.00	R701	1340	328	389	12165	10135	11105	9255	10315	8595	8595
13	14.00-24	10.00	R708	1330	330	390	12165	10135	11105	9255	10315	8595	8595
14	16.00-25	11.25	R711	1446	390	600	16860	13490	15170	11400	13480	10130	10130
15	17.5-25	14.00	R711	1368	458	568	17720	14180	16880	12690	15960	12000	12000
16	18.00-25	13.00	R711	1620	500	928	21200	16960	20480	15400	19100	14360	14360
17	20. 5-25	17.00	R709	1455	500	720	24430	18820	22290	17170	20660	15880	15880
18	23. 5-25 With h	oles 19.50	R709/R711	1620	580/570	1075	30830	24660	29790	22400	27770	20880	20880
19	26. 5-25	22.00	R709	1736	650	1460	39300	31400	37400	28100	35400	26600	26600
20	29. 5-25	25.00	R709	1840	730	1820	48100	37055	43880	33800	40340	31265	31265
21	29.5-29	25.00	R709	1830	746	1745	45760	38130	41770	34810	38800	32330	32330
22	10x16.5(30x10-16)	6.00-16	R708/R711	788	250	80			With	Hole			3330
23	12x16.5(33x12-20)	8.00-20	R708	840	275	91			With	Hole			4050
24	16/70-20 (14-17.5)	8.50/11.00-20	R708	940	330	163			With	Hole			5930
25	38. 5x14-20 (14x17. 5, 385/65D-19. 5)	11.00-20	R708	966	350	171			With	Hole			6360
26	385/65-24 (385/65-22.5)	10.00-24	R708	1062	356	208			With	Hole			6650
27	445/65-24 (445/65-22.5)	12.00-24	R708	1152	428	312			With	Hole			9030





2.00-8(12x4) 3.00-5 3.20-8 4 3.50-5 (300x100) 3.60-8 4.00-4 4.00-8(wide) 4.00-8 C 16x5-9 300x125 SM

Size of Tire

N

R716 R707 R713

350x100 SM SOLID TIRE

Rim Size	Pattern No.	Outside Diameter	Section Width	Net Weight	Max Load (Kg)	
		±5mm	±5mm	±1.5%kg	Other Industria Vehicles	
					16km/h	
2.50C/3.00D	R700/R706, 707	318/310	103/100	5.00	380	
2.15	R713/R716	268/250	77/72	3.70	330	
3. 00D	R706	328	110	6.20	520	
3. 00D	R701	300	100	6.30	380	
3. 00D	R706	368	110	8.60	600	
2.00/2.500	R701	300	100	6.30	420	
3.75	R706	423	120	14.50	730	
3.00D/3.75	R701/R706	410	115	12.20	695	
3.50/4.00	R706	404	126	12.50	710	
FB	R700	302	125	11.30	910	
FB	R700	352	100	12.30	850	

### SOLID TIRES WITH RIMS

### SKID STEER SOLID TIRES WITH RIMS.





R708

R715 R711 R709

No.	Size of Tire	Tire with hole (Yes/No)	Pattern No.	Outside Diameter	Section Width	Net Weight (Kg)	Max Load (Kg)
				±5mm	±5mm	±1.5%kg	Other Industrial Vehicles
				± 5mm	± 5mm	± 1.0 % Kg	16km/h
1	FB10x16. 5 (30x10-16)	Yes	R708/R711	788	250	116	3700
2	FB12x16.5 (33x12-20)	Yes	R708	840	275	136	4500
3	FB16/70-20	Yes	R708	1060	400	312	8830
4	FB 16/70-20(14-17.5) Economy	Yes	R708	940	330	216	6620
5	FB40x16x30	No	R700	1016	406	453	9690
6	FB38. 5x14-20 (14x17. 5, 385/65D-19. 5)	Yes	R708	966	350	242	7070
7	FB385/65-24 (385/65-22.5)	Yes	R708	1062	356	290	7390
8	FB445/65-24 (445/65-22.5)	Yes	R708	1152	428	394	10040
9	FB14. 00-24	No	R701	1340	328	445	10700
10	FB17.5-25	Yes	R711	1368	458	631	13400
11	FB18. 00-25	Yes	R711	1620	500	960	18795
12	FB20. 5-25 (57x20)	No	R709	1455	500	765/950	17470
13	FB23. 5-25	Yes	R709/R711	1620	580/570	1040	23400
14	FB26. 5-25	Yes	R709	1736	650	1395	29260
15	FB29. 5-25	Yes	R709	1840	730	1780	34390
16	FB29.5-29	No	R709	1830	746	1944	33985



### SOLID TIRES FOR MINING MACHINERY

No.	Size of Tire	Rim Size	Pattern No.	Outside Diameter	Section Width	Max Load (Kg)
				±5mm	±5mm	Other Industrial Vehicles
				Toum	1000	16km/h
1	8. 25-20	FB	R701	976	217	4230
2	10.00-20	FB	R701	1041	248	5300
3	12.00-24	FB	R701	1218	300	7690
4	14.00-20	FB	R706	1250	316	9495
5	14.00-24	FB	R701	1340	328	10700
6	16.00-25	FB	R711	1460	410	13340
7	17.5-25	FB	R711	1368	458	13400
8	18.00-33	FB	R711	1842	458	18380
9	20. 5-25	FB	R709	1455	500	17660
10	1098×500	FB	R711	1098	500	14235
11	1510x470	FB	R715	1516	470	16120

### SOLID TIRES WITH RIMS

### CHARACTERISTICS OF STRUCTURE

The wheel baseband is made according to the fitting specifications of the vehicles'pivot bracket. And the thickness and the structure can be adjusted based on the tire loading. After treating to the basebands, curing reasonable rubber around the baseband surface to guarrantee the loading of tires and other usage performance.

### CHARACTERISTICS OF USAGES

1.Smaller deformation, better stability and security.

2. Running smoothly, slight shaking and twittering.

3.Low rolling resistance, reducing energy consumption, in accordance with the world trend of low -carbon economy.

4.Lower heat built up, good heat yield, overcome the blow-out problem.

5.Easy assembling, no need to fit rims, can be fixed to the vehicles and facilities directly, no worry for spinning.

6.Heavier loading, 10-15% increase of loading than the same size of tires.

### SOLID TIRES FOR SINTERING MACHINE

No.	Size of Tire	Rim Size	Pattern No.	Outside Diameter	Section Width	Net Weight(Kg)	Max Load (Kg)
				±5mm	±5mm	±1.5%kg	Other Industrial Vehicles
				± Shinin	±3mm	± 1.3 /ong	16km/h
1	12.00-20	FB	R701	1116	285	258	7645
2	14.00-20	FB	R706	1250	316	400	9496



### SOLID TIRE

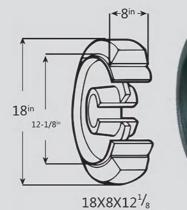


R706

### YANTAI WONRAY RUBBER TYRE CO., LTD.









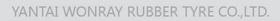
No.	Siz	e of Tire		Net Weight (Kg)		Balance Lift T	rucks			
	Inch	Millmeter	Types of Pattern	±1.5%kg	10km/h		16k	m/h	Other Industrial Vehicles	
	(in)	(mm)	.,,,		Driving	Steering	Driving	Steering	16km/h	
1	12x4 1/2x8	305x114. 3x203. 2	SM	8.60	970	865	860	780	745	
2	12x5x8	305x127x203.2	SM	10.00	1050	970	1020	950	850	
3	13 1/2x5 1/2x8	342. 9x139. 7x203. 2	SM	13.00	1400	1245	1235	1125	1075	
4	13 1/2x7 1/2x8	342. 9x190. 5x203. 2	SM	20.00	2065	1835	1825	1660	1590	
5	14x4 1/2x8	355. 6x114. 3x203. 2	SM/TR	11.10	1085	965	960	870	835	
6	14x5x10	355. 6x127x254	SM	11.80	1250	1125	1185	1065	1000	
7	15x4x11 1/4	381x102x285.8	SM/TR		985	875	870	790	755	
8	15x5x11 1/4	381x127x285.8	SM/TR	13.50	1290	1150	1145	1040	995	
9	15x6x11 1/4	381x152. 4x285. 8	SM	15.00	1300	1170	1235	1110	1040	
10	16x5x10 1/2	406. 4x127x266. 7	SM/TR	15.00	1400	1245	1240	1125	1075	
11	16x6x10 1/2	406. 4x152. 4x266. 7	SM/TR	18.00	1775	1580	1570	1430	1365	
12	16x7x10 1/2	406. 4x178. 8x266. 7	SM/TR	21.40	2155	1915	1905	1730	1655	
13	16 1/4x5x11 1/4	413x127x285	SM/TR	15.10	1415	1260	1250	1135	1090	
14	16 1/4x6x11 1/4	413x152x285	SM/TR	18.50	1780	1585	1575	1480	1370	
15	16 1/4x7x11 1/4	413x178x285	SM/TR	21.70	2150	1915	1900	1730	1655	
16	17x5x12 1/8	431.8x127x308	SM	16.00	1460	1300	1295	1175	1125	
17	18x5x12 1/8	457. 2x127x308	SM	17.60	1525	1355	1350	1225	1175	
18	18x6x12 1/8	457x152x308	SM/TR	21.80	1945	1735	1720	1565	1500	
19	18x7x12 1/8	457x178x308	SM/TR	26. 20	2370	2110	2095	1905	1820	
20	18x8x12 1/8	457x203.2x308	SM/TR	29.80	2790	2485	2470	2245	2145	
21	18x9x12 1/8	457x229x308	SM/TR	33. 70	3215	2860	2840	2580	2470	
22	20x8x16	508x203. 2x406. 4	SM/TR	29.00	2795	2490	2475	2250	2150	
23	20x9x16	508x228. 6x406. 4	SM/TR	33. 20	3190	2840	2820	2565	2455	
24	21x7x15	533x178x381	SM/TR	30.30	2665	2370	2355	2140	2050	
25	21x8x15	533. 4x203. 2x381	SM/TR	35. 20	3140	2795	2780	2525	2415	
26	21x9x15	533. 4x228. 6x381	SM/TR	40.10	3620	3220	3200	2910	2785	
27	22x8x16	558. 8x203. 2x406. 4	SM	37.40	3255	2895	2880	2615	2500	
28	22x9x16	559x229x406	SM/TR	43.00	3745	3335	3315	3010	2880	
29	22x10x16	559x254x406	SM	48.10	4240	3775	3750	3410	3265	
30	22x12x16	559x305x406	SM	57.00	5230	4655	4625	4205	4025	
31	22x14x16	559x355. 6x406	SM	69.00	6220	5535	5500	5000	4785	
32	22x16x16	559x406x406	SM	79.00	7205	6415	6375	5795	5545	
33	26x10	660x250x480	SM	68.00	4845	4310	4285	3895	3725	
34		620x250x480	SM	59.00	4520	4070	3995	3595	3475	
35	28x12x22	711x304x558.8	SM	77.00	6265	5575	5545	5035	4820	
36	28x14x22	711x355. 6x558. 8	SM	95.00	7450	6630	6590	5990	5730	
37	28x16x22	711x406. 4x558. 8	SM	110.00	8635	7685	7640	6940	6645	
38	40x16x30	1016x406x762	SM	245.00	12595	11210	11140	10125	9690	

# SOLID TIRES FOR LIFTING PLATFORM

No.	Size of Tire	Rim Size	Pattern No.	Outside Diameter	Section Width	Net Weight (Kg)	Max Load (Kg)	
				±5mm	±5mm	±1.5%kg	Other Industrial Vehicle	
				± Shinin	± Sillin	± 1.5 /ong	10km/h	
1	10x3	FB	R706	254	74	7.00	425	
2	10x4	FB	R706	256	102	5.90	630	
3	12x4 (With brake)	FB	R707	310	100	7.6/9.4(FB)	680	
4	12x4 (W/O brake)	FB	R707	310	100	7/8.2(FB)	680	
5	12x4.5	FB	R707/R712	310	115	15(G)/10	820	
6	12. 5x4. 25	FB	R712	320	108	15.5(H)/12.6(J)	810	
7	14x4 1/2	FB	R713	358	114	14. 50	920	
8	15x5	FB	R712	384	127	20 (G/H) /16. 5	1095	
9	16x5x12 (With brake)	FB	R706/R707	406	125	15. 2/18. 8 (FB)	1265	
10	16x5x12 (W/O brake)	FB	R706/R707	406	125	14/17.3(FB)	1265	
11	22x7x17 3/4	FB	R714	559	176	48. 5 (8h) /47. 5 (9h)	2270	
12	323×100	FB	R713/R707	323	100	9.10	635	
13	406x125 (JIG16x5x12)	FB	R706/R707	406	125	17.00	1265	
14	406×127	FB	R713	406	127	18.50	1265	
15	2.00-8 (12x4)	2.500/3.00	R706/R700, 707	318/310	103/100	5.00	620	
16	3.00-5	2.15	R713/R716	268/250	77/72	3. 70	335	
17	600×190	FB	R706	600	190	55. 20	2670	
18	410×130	FB	R717	410	130	17.9	825	
19	305/76-254	FB	R717	305	76	13.1?	425	
20	305/100-255	FB	R717	305	100	13. 1	600	
21	230×80	FB	R717	230	80	7.3	405	
22	16x5x10.5	FB	R710	406	127	17. 15	1075	
23	640x170x560 (25x7)	FB	RT711	640	170	63. 5/129	2340	
24	25. 6x7	FB	R714	650	175	55.00	2120	









AERIAL WORK PLATFORM





HOT-METAL CAR





PORT MACHINE







SKID STEER LOADER







QUICK(CLIP) RIM



PRESS-ON RIM(1)



PRESS-ON RIM (2)

COMPLETE RIM(THREE PIECES)

















COMPLETE RIM(TWO PIECES)





RIMS



SPLIT RIM



LIFTING PLATFORM



MILLING MACHINE







SLAG POT CARRIER







TELESCOPIC BOOM FORKLIFT

